

PA 1019 acts as a variable gain amplifier whose gain is controlled by the DSP 1005 from information received from a network base station. The signal is then filtered within the duplexer 1021 and optionally sent to an antenna coupler 1035 to match impedances to provide maximum power transfer. Finally, the signal is transmitted via antenna 1017 to a local base station. An automatic gain control (AGC) can be supplied to control the gain of the final stages of the receiver. The signals may be forwarded from there to a remote telephone which may be another cellular telephone, any other mobile phone or a land-line connected to a Public Switched Telephone Network (PSTN), or other telephony networks.

[0092] Voice signals transmitted to the mobile terminal 1001 are received via antenna 1017 and immediately amplified by a low noise amplifier (LNA) 1037. A down-converter 1039 lowers the carrier frequency while the demodulator 1041 strips away the RF leaving only a digital bit stream. The signal then goes through the equalizer 1025 and is processed by the DSP 1005. A Digital to Analog Converter (DAC) 1043 converts the signal and the resulting output is transmitted to the user through the speaker 1045, all under control of a Main Control Unit (MCU) 1003 which can be implemented as a Central Processing Unit (CPU).

[0093] The MCU 1003 receives various signals including input signals from the keyboard 1047. The keyboard 1047 and/or the MCU 1003 in combination with other user input components (e.g., the microphone 1011) comprise a user interface circuitry for managing user input. The MCU 1003 runs a user interface software to facilitate user control of at least some functions of the mobile terminal 1001 to share installed items. The MCU 1003 also delivers a display command and a switch command to the display 1007 and to the speech output switching controller, respectively. Further, the MCU 1003 exchanges information with the DSP 1005 and can access an optionally incorporated SIM card 1049 and a memory 1051. In addition, the MCU 1003 executes various control functions required of the terminal. The DSP 1005 may, depending upon the implementation, perform any of a variety of conventional digital processing functions on the voice signals. Additionally, DSP 1005 determines the background noise level of the local environment from the signals detected by microphone 1011 and sets the gain of microphone 1011 to a level selected to compensate for the natural tendency of the user of the mobile terminal 1001.

[0094] The CODEC 1013 includes the ADC 1023 and DAC 1043. The memory 1051 stores various data including call incoming tone data and is capable of storing other data including music data received via, e.g., the global Internet. The software module could reside in RAM memory, flash memory, registers, or any other form of writable storage medium known in the art. The memory device 1051 may be, but not limited to, a single memory, CD, DVD, ROM, RAM, EEPROM, optical storage, magnetic disk storage, flash memory storage, or any other non-volatile storage medium capable of storing digital data.

[0095] An optionally incorporated SIM card 1049 carries, for instance, important information, such as the cellular phone number, the carrier supplying service, subscription details, and security information. The SIM card 1049 serves primarily to identify the mobile terminal 1001 on a radio network. The card 1049 also contains a memory for storing a personal telephone number registry, text messages, and user specific mobile terminal settings.

[0096] While the invention has been described in connection with a number of embodiments and implementations, the invention is not so limited but covers various obvious modifications and equivalent arrangements, which fall within the purview of the appended claims. Although features of the invention are expressed in certain combinations among the claims, it is contemplated that these features can be arranged in any combination and order.

1-38. (canceled)

39. A method comprising facilitating a processing of and/or processing (1) data and/or (2) information and/or (3) at least one signal, the (1) data and/or (2) information and/or (3) at least one signal based, at least in part, on the following:

at least one determination of one or more items installed on one or more devices;

a processing of the one or more items to cause, at least in part, an association of the one or more items with respective contact entries associated with the one or more devices, one or more users of the one or more devices, or a combination thereof; and

a rendering of one or more representations of the one or more items in a contact-based user interface based, at least in part, on the association.

40. A method of claim 39, wherein the (1) data and/or (2) information and/or (3) at least one signal are further based, at least in part, on the following:

a receiving of an input for selecting at least one of the one or more representations in the contact-based user interface; and

a processing of the input to cause, at least in part, one or more sharing operations.

41. A method of claim 40, wherein the one or more sharing operations include, at least in part, a rendering, an option to share the item, buying the item, or some combination thereof.

42. A method of claim 39, wherein the (1) data and/or (2) information and/or (3) at least one signal are further based, at least in part, on the following:

at least one determination of usage information, commenting information, one or more display criteria, one or more privacy policies, one or more security policies, or a combination thereof associated with the one or more content items, the one or more devices, the one or more users, or a combination thereof,

wherein the rendering of the one or one or more representations, the contact-based user interface, or a combination thereof is based, at least in part, on the usage information, the commenting information, the one or more display criteria, the one or more privacy policies, the one or more security policies or a combination thereof.

43. A method of claim 42, wherein the usage information includes, at least in part, the total time that the user has been using the application, the frequency that the user has used the application, average usage time each day, usage specific to the item itself, or a combination thereof.

44. A method of claim 39, wherein the (1) data and/or (2) information and/or (3) at least one signal are further based, at least in part, on the following:

a processing of the contact entries associated with the one or more devices, the one or more users of the one or more devices, or a combination thereof into one or more groups,

wherein the rendering is based, at least in part, on the one or more groups.